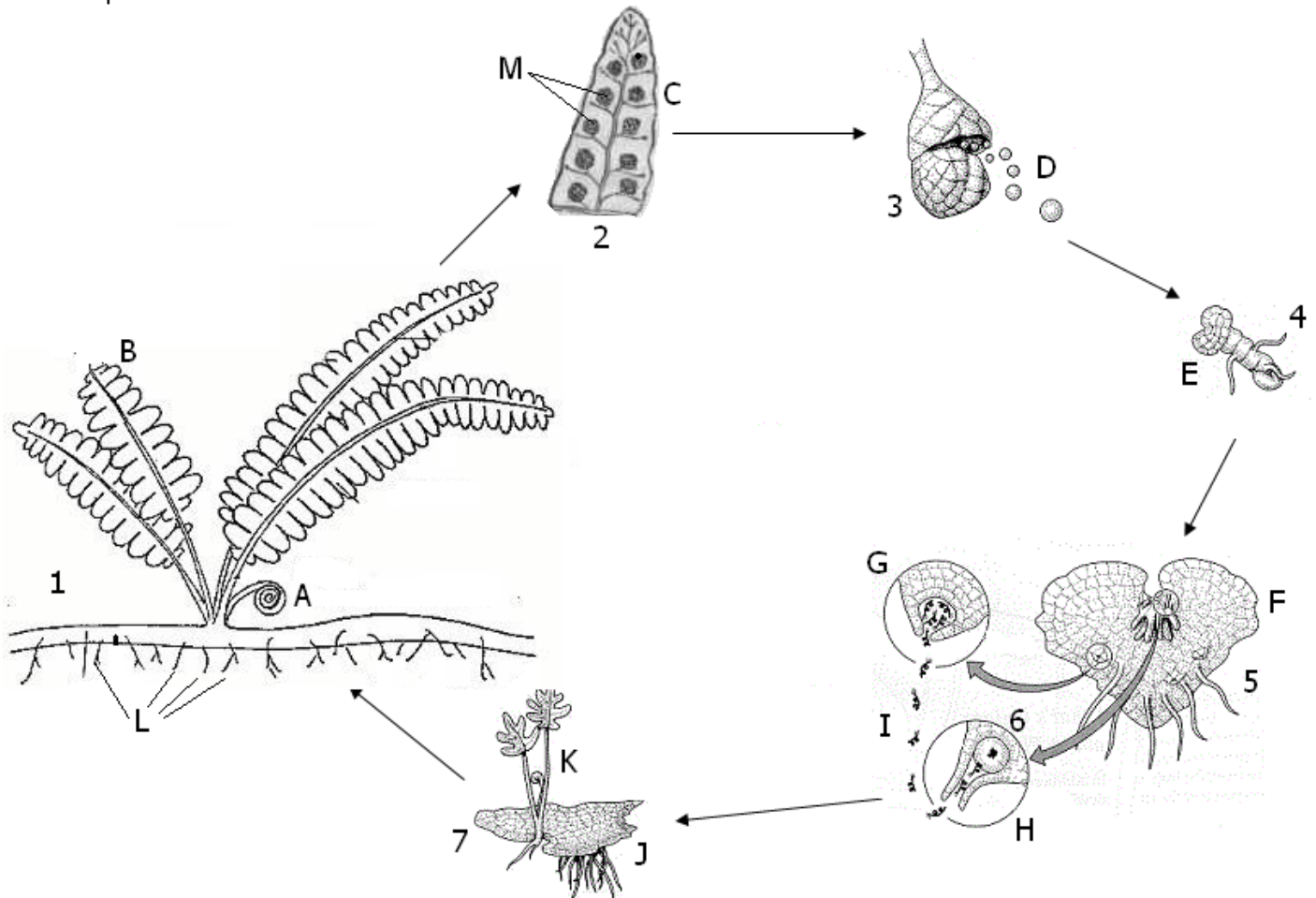


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Fern Life Cycle

Directions:

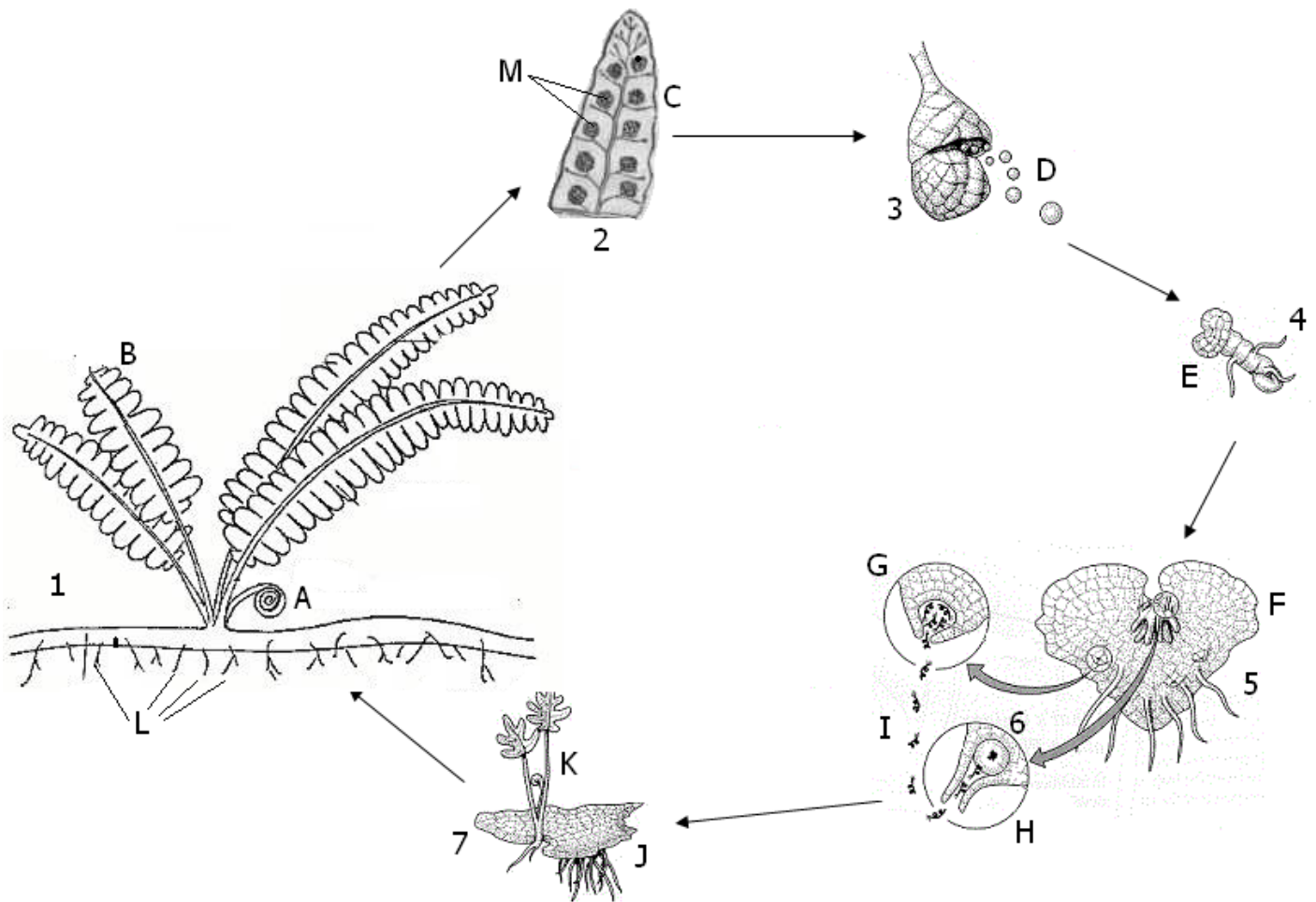
- 1) Color the diploid stages green and the haploid stages red.
  - 2) Identify parts A-M in the drawing below by using the given choices. Ignore the numbers for now.
- Rhizoids
  - Sori
  - Fiddlehead
  - Underside of frond
  - Archegonium (holds female egg)
  - Spores released
  - Sperm
  - Young sporophyte
  - Gametophyte (prothallus)
  - Gametophyte (prothallus)
  - Frond
  - Antheridium (holds male sperm)
  - Spore growth



In which picture are the following events taking place?

Spores are being released from the sporophyte. ....	1	2	3	4	5	6	7
Sporophyte is growing from the gametophyte.....	1	2	3	4	5	6	7
Fertilization is taking place.....	1	2	3	4	5	6	7
The start of the haploid stage.....	1	2	3	4	5	6	7
The start of the diploid stage.....	1	2	3	4	5	6	7
The zygote is about to be formed.....	1	2	3	4	5	6	7
Sperm are swimming to the egg.....	1	2	3	4	5	6	7
Rain is needed for reproduction to occur .....	1	2	3	4	5	6	7
Adult sporophyte .....	1	2	3	4	5	6	7

## Corrections (if needed)



In which picture are the following events taking place?

Spores are being released from the sporophyte. ....	1	2	3	4	5	6	7
Sporophyte is growing from the gametophyte.....	1	2	3	4	5	6	7
Fertilization is taking place.....	1	2	3	4	5	6	7
The start of the haploid stage.....	1	2	3	4	5	6	7
The start of the diploid stage.....	1	2	3	4	5	6	7
The zygote is about to be formed.....	1	2	3	4	5	6	7
Sperm are swimming to the egg.....	1	2	3	4	5	6	7
Rain is needed for reproduction to occur .....	1	2	3	4	5	6	7
Adult sporophyte .....	1	2	3	4	5	6	7